

**SPECIAL SERVICES TECHNICIAN
STUDY GUIDE**

A written examination for the class of **SPECIAL SERVICES TECHNICIAN** to be administered in **ST. GEORGE F.P.D.**, on **SEPTEMBER 19, 2016**, will consist of approximately **100** multiple-choice questions. The examination will test your knowledge in the following subject areas:

SUBJECT AREA/KNOWLEDGE	APPROXIMATE % OF EXAM
BUILDING MAINTENANCE SERVICES Knowledge of building components and construction, including plumbing, electrical, and carpentry sufficient to maintain and make minor repairs.	13.0%
BRAKE SYSTEMS Knowledge of brake systems sufficient to perform maintenance, make repairs, or adjust the systems when needed.	7.0%
AIR CONDITIONING/COOLING SYSTEMS Knowledge of air conditioning and cooling systems sufficient to perform maintenance and repair when needed.	7.0%
ELECTRICAL AND FUEL SYSTEMS Knowledge of electrical and fuel systems sufficient to perform maintenance, repairs, or make adjustments to the system when needed.	13.0%
GENERAL AUTOMOTIVE MAINTENANCE, REPAIRS, INSTRUMENTS AND TOOLS Knowledge of general automotive equipment sufficient to troubleshoot, diagnose, and repair malfunctioning components, including the use and care of instruments and tools.	7.0%

SUBJECT AREA/KNOWLEDGE	APPROXIMATE % OF EXAM
INSPECTION, MAINTENANCE, TESTING, AND REPAIR OF PORTABLE EQUIPMENT Knowledge of portable equipment, tools, and accessories commonly carried on fire apparatus sufficient to perform maintenance and repairs, including self-contained breathing apparatus, nozzles and nozzle assemblies, fire hose and hose coupling, and communication equipment, including verifying that equipment is tested and meets applicable standards.	30.0%
MANAGING EQUIPMENT/SUPPLIES Knowledge of the management, maintenance and purchase of equipment, property, and supplies, including self-contained breathing apparatus, inventory control, and the preparation of specifications on new equipment for public bids, and verifying that equipment is tested and meets applicable standards.	23.0%

REFERENCE LIST

While the entire list of reference material will be useful to you in your preparation for the upcoming examination, the **majority** of test questions are sourced from those references listed under the Primary List.

PRIMARY REFERENCE MATERIAL

MODERN AUTOMOTIVE TECHNOLOGY, James E. Duffy, The Goodheart-Willcox Co., Inc., 2004.

INTERNATIONAL FIRE SERVICE TRAINING ASSOCIATION (IFSTA)/ FIRE PROTECTION PUBLICATIONS (Training Manuals):

Fire Hose Practices, 8th ed., 2004.

Respiratory Protection for Fire and Emergency Services, 1st ed., 2002.

Essentials of Firefighting and Fire Department Operations, 5th ed., 2008.

The local civil service board should make this study guide available to all applicants in whatever manner the board deems appropriate.

While there are no provisions requiring this office to provide study guides for any competitive or promotional examinations, such material will be provided as a service to assist applicants in preparing for an examination. The State Examiner's office has no control whatsoever over the local availability of reference material (mentioned in the study guides), nor do we feel

constrained to limit examination questions to only that material which is available locally. Examination content, weighting of subject areas, and length of examination, may vary with each administration of an examination to reflect any updated job analysis information. Percentages and numerical estimations are provided as approximations.